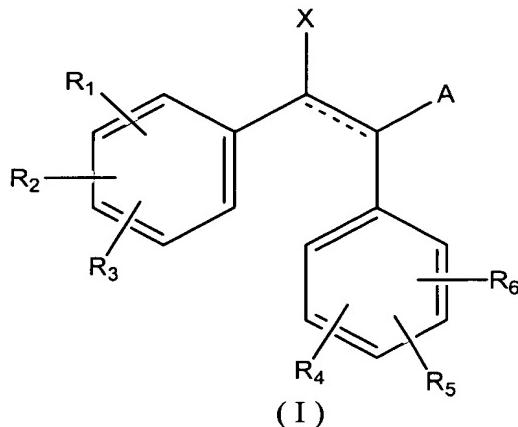


**Amendments to the Claims:**

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Withdrawn) A compound of the formula 1:



wherein the bond represented by the dotted line may be an optional double bond, and the geometry across the bond may be E or Z;

A = -COOR, -CONR'R'', -CN, or -COR<sub>7</sub> wherein R, R', R'' and R<sub>7</sub> are defined below;

X = OH, or C<sub>2</sub>-C<sub>10</sub> linear or branched alkenyl group, optionally substituted with COOR, carbonyl, or halo;

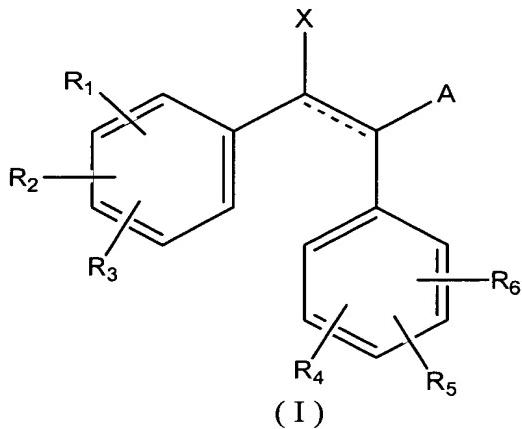
R = H or C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl or aralkyl, or a pharmaceutically acceptable counter-ion;

R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, and R<sub>7</sub> are independently H; C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or alkenyl groups optionally substituted; COOR where R is as defined previously; NR'R'' or CONR'R'', where R' and R'' may be independently H or C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl; OH; C<sub>1</sub>-C<sub>20</sub> alkoxy; C<sub>1</sub>-C<sub>20</sub> acylamino; C<sub>1</sub>-C<sub>20</sub> acyloxy; C<sub>1</sub>-C<sub>20</sub> alkanoyl; C<sub>1</sub>-C<sub>20</sub> alkoxycarbonyl; halo; NO<sub>2</sub>; SO<sub>2</sub>R'''; CZ<sub>3</sub>, where each Z is independently a halo atom, H, alkyl, chloro or fluoro-substituted alkyl; or SR'', where R'' may be H or linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl; or R<sub>2</sub> and R<sub>3</sub> together, or R<sub>5</sub> and R<sub>6</sub> together may be joined to form methylenedioxy or ethylenedioxy groups.

2. (Withdrawn) A compound according to claim 1 wherein A= -COOR.

3. (Cancelled).
4. (Withdrawn) A compound according to claim 1, wherein A = -COOR; R<sub>3</sub>, R<sub>5</sub> and R<sub>6</sub> are H; R<sub>4</sub> is p-hydroxy; and R<sub>1</sub> R<sub>2</sub> together are 3,5-dimethoxy.
5. (Withdrawn) A compound according to claim 4, wherein R is H.
6. (Withdrawn) A compound according to claim 4, wherein R is Na<sup>+</sup>.
7. (Withdrawn) A compound according to claim 2, wherein R<sub>4</sub> is p-hydroxy; R<sub>1</sub> and R<sub>2</sub> together are 3,5-dimethoxy and the dotted line represents a double bond.
8. (Cancelled).
9. (Withdrawn) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 1, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.
10. (Withdrawn) A composition according to claim 9 which is suitable for oral administration.
- 11-13. (Cancelled).
14. (Withdrawn) A composition according to claim 9, wherein R is H or Na<sup>+</sup> and said double bond is in the E-configuration.
15. (Withdrawn) A composition according to claim 9, wherein R is H or Na<sup>+</sup> and said double bond is in the Z-configuration.
16. (Withdrawn) A composition according to claim 15, wherein R is Na<sup>+</sup>.

17. (Withdrawn) A composition according to claim 14, wherein R is Na<sup>+</sup>.
18. (Withdrawn) A composition according to claim 9, wherein said composition is suitable for oral administration.
- 19-23. (Cancelled).
24. (Currently amended) A compound of the formula 1:



wherein the bond represented by the dotted line may be an optional double bond, and the geometry across the bond may be E or Z;

A = -COOR<sub>8</sub> or -CONR'R'', wherein R<sub>8</sub> is C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl or arylalkyl, and R' and R'' are defined below;

X = H, OH, or C<sub>1</sub>-C<sub>10</sub> linear or branched alkyl or alkenyl groups, optionally substituted with COOR, carbonyl, or halo, wherein R is H or C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl or aralkyl, or a pharmaceutically acceptable counter-ion;

R<sub>1</sub> is C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or alkenyl groups; COOR where R is as defined previously; NR'R'' or CONR'R'', where R' and R'' may be independently H or C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl; C<sub>1</sub>-C<sub>20</sub> alkoxy; C<sub>1</sub>-C<sub>20</sub> acylamino; C<sub>1</sub>-C<sub>20</sub> acyloxy; C<sub>1</sub>-C<sub>20</sub> alkoxy carbonyl; halo; NO<sub>2</sub>; SO<sub>2</sub>R''; CZ<sub>3</sub>, where each Z is independently a halo atom, H, alkyl, chloro or fluoro-substituted alkyl; or SR'', where R'' may be H or linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl;

R<sub>2</sub> and R<sub>3</sub> are independently H; C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or alkenyl groups; COOR where R is as defined previously; NR'R" or CONR'R", where R' and R" may be independently H or C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl; C<sub>1</sub>-C<sub>20</sub> alkoxy; C<sub>1</sub>-C<sub>20</sub> acylamino; C<sub>1</sub>-C<sub>20</sub> acyloxy; C<sub>1</sub>-C<sub>20</sub> alkoxy carbonyl; halo; NO<sub>2</sub>; SO<sub>2</sub>R"'; CZ<sub>3</sub>, where each Z is independently a halo atom, H, alkyl, chloro or fluoro-substituted alkyl; or SR'', where R'' may be H or linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl; or R<sub>2</sub> and R<sub>3</sub> together may be joined to form methylenedioxy or ethylenedioxy groups;

R<sub>4</sub>, R<sub>5</sub>, and R<sub>6</sub> are independently H; C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or alkenyl groups; COOR where R is as defined previously; NR'R" or CONR'R", where R' and R" may be independently H or C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl; OH; C<sub>1</sub>-C<sub>20</sub> acylamino; C<sub>1</sub>-C<sub>20</sub> acyloxy; C<sub>1</sub>-C<sub>20</sub> alkoxy carbonyl; halo; NO<sub>2</sub>; SO<sub>2</sub>R"'; CZ<sub>3</sub>, where each Z is independently a halo atom, H, alkyl, chloro or fluoro-substituted alkyl; or SR'', where R'' may be H or linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl; or R<sub>5</sub> and R<sub>6</sub> together may be joined to form methylenedioxy or ethylenedioxy groups;

R<sub>5</sub>, and R<sub>6</sub> are independently H; C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or alkenyl groups;  
COOR where R is as defined previously; NR'R" or CONR'R", where R' and R" may  
be independently H or C<sub>1</sub>-C<sub>20</sub> linear or branched alkyl or aryl; OH; C<sub>1</sub>-C<sub>20</sub> acylamino;  
C<sub>1</sub>-C<sub>20</sub> acyloxy; C<sub>1</sub>-C<sub>20</sub> alkoxy carbonyl; halo; NO<sub>2</sub>; SO<sub>2</sub>R"'; CZ<sub>3</sub>, where each Z is  
independently a halo atom, H, alkyl, chloro or fluoro-substituted alkyl; or SR'', where  
R'' may be H or linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl; or R<sub>5</sub> and R<sub>6</sub> together may be joined  
to form methylenedioxy or ethylenedioxy groups;

or R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, and R<sub>6</sub> are independently C<sub>1</sub>-C<sub>20</sub> alkanoyl of the form COQ wherein Q represents an alkyl or aryl group.

25. (Withdrawn) The compound of claim 24, wherein A is -CONR'R".

26. (Previously presented) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 24, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.

27. (Previously presented) A composition according to claim 26 which is suitable for oral administration.
28. (Withdrawn) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 25, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.
29. (Withdrawn) A composition according to claim 28 which is suitable for oral administration.
30. (Previously presented) The compound of claim 24 wherein A is -COOR<sub>8</sub>.
31. (Previously presented) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 30, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.
32. (Previously presented) A composition according to claim 31 which is suitable for oral administration.
33. (Previously presented) The compound of claim 30 wherein R<sub>8</sub> is a methyl group.
34. (Withdrawn) A compound selected from 3-(3,4-dimethoxy-phenyl)-2-(4-hyrdoxy-phenyl)-acrylic acid; 3-(3,4-dimethoxy-phenyl)-2-(4-fluoro-p-phenyl)-acrylic acid; 2-(4-acetylamo-phenyl)-3-(3,5-dimethoxy-phenyl)-acrylic acid or 3-(3,4-dimethoxy-phenyl)-2-(4-hyrdoxy-phenyl)-propionic acid.
35. (Previously Presented) The compound of claim 30 wherein R<sub>3</sub>, R<sub>5</sub> and R<sub>6</sub> are H; R<sub>4</sub> is 4-hydroxy; and R<sub>1</sub> and R<sub>2</sub> together are 3,5-dimethoxy.

36. (Currently Amended) The compound of claim 32 claim 33 wherein R<sub>3</sub>, R<sub>5</sub> and R<sub>6</sub> are H; R<sub>4</sub> is 4-hydroxy; and R<sub>1</sub> and R<sub>2</sub> together are 3,5-dimethoxy.

37. (Previously Presented) The compound of claim 36 wherein X is H and the bond represented by the dotted line is a double bond in the E configuration.

38. (Previously Presented) The compound of claim 36 wherein X is H and the bond represented by the dotted line is a double bond in the Z configuration.

39. (New) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 35, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.

40. (New) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 36, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.

41. (New) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 37, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.

42. (New) A pharmaceutical composition for the treatment of diabetes comprising a therapeutically effective amount of a compound of claim 38, or a mixture of compounds thereof, in a pharmaceutically acceptable carrier.